

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hunt et al.
Serial No.: 10/008,509 Art Unit: 3732
Filing Date: October 29, 2001 Examiner: C. O'Connor
For: Segmented Arm Support
System
Docket No. 5174

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

**POWER OF ATTORNEY
BY ASSIGNEE OF ENTIRE INTEREST
AND REVOCATION OF PRIOR POWERS**

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OCT 01 2003
TECHNOLOGY CENTER R3700

Genzyme Corporation has assigned its entire right, title and interest in the captioned application to Teleflex-CT Devices Incorporated in accordance with the assignment filed August 13, 2003, copy of which is attached.

Teleflex-CT Devices Incorporated hereby revokes all powers of attorney previously given and appoints:

Any attorney or agent associated with Customer No. 25561 to prosecute and transact all business in the Patent and Trademark Office connected therewith.

Please direct all future correspondence to the correspondence address associated with Customer No. 25561. Please direct all telephone calls to:

John W. Ryan
(202) 261-3375

Respectfully submitted,

Date:

9/19/03

Joan W. Schwartz
Joan W. Schwartz
Secretary

COPY

FOR POWER OF ATTORNEY ONLY

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Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Genzyme Corporation			2. Name and address of receiving party(ies) Name: Teleflex-CT Devices Incorporated Internal Address: RECEIVED OCT 01 2003 TECHNOLOGY CENTER B3700 Street Address: Suite 450, 630 West Germantown Pike City: Plymouth Meeting State: PA Zip: 19462		
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other			Execution Date: June 30, 2003		
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: July 14, 2003 A. Patent Application No.(s) 10/213,785; 10/055,778 B. Patent No.(s) Additional numbers attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: John W. Ryan; c/o Dechert Internal Address: Street Address: 1775 Eye Street, N.W. City: Washington State: DC Zip: 20006			6. Total number of applications and patents involved: 115 7. Total fee (37 CFR 3.41).....\$ 4,600.00 <input checked="" type="checkbox"/> Enclosed \$4500 + 180 <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 50-2787 (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE					
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. John W. Ryan; Reg. No. 33,771 Name of Person Signing Signature: <u>John W. Ryan</u> Date: <u>August 13, 2003</u> Total number of pages including cover sheet, attachments, and documents: 20					

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignment
Washington, D.C. 20231

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ASSIGNMENT OF PATENTS

AND

PATENT APPLICATIONS

ASSIGNMENT made as of the 30th day of June, 2003, by Genzyme Corporation, a Massachusetts corporation having its principal place of business located at One Kendall Square, Cambridge, MA 02139 (the "Assignor").

RECITALS:

WHEREAS, Assignor is the owner of inventions described in the Patents and Patent Applications listed on Schedule A attached hereto and made a part hereof (the "Patents" and "Applications", respectively) and has full right to convey its entire right, title, and interest, both legal and equitable, to and under said Patents, Applications, and the underlying inventions described therein (together with the Patents and Applications, the "Inventions");

WHEREAS, subject to the terms and conditions of the Asset Purchase Agreement dated as of the 30th day of June, 2003, (the "Purchase Agreement") by and among Teleflex-CT Devices Incorporated, Rüsch-Pilling, S.A., Teleflex Incorporated, Fall River Surgical, Inc., Genzyme S.A.S., Genzyme Limited, Fall River Surgical GmbH, Genzyme GmbH, Genzyme S.L., Genzyme S.r.l., and Genzyme Corporation, Assignor has agreed to transfer certain of its assets, including the Inventions, to Teleflex-CT Devices Incorporated, a Delaware corporation having its principal place of business located at 630 West Germantown Pike, Suite 450, Plymouth Meeting, PA 19462 (the "Assignee"); and

WHEREAS, Assignee desires to obtain all of Assignor's right, title and interest in, to and under said Inventions;

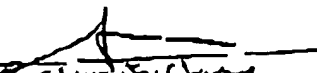
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by Assignor, Assignor hereby conveys, assigns, transfers and delivers to Assignee, its successors and assigns, its entire right, title and interest throughout the world in, to and under the Inventions; all forms and embodiments thereof; all divisions, continuations, continuations-in-part, substitute applications, renewals, reissues, re-examinations, and extensions thereof; all Letters Patent which have been or may be granted thereon and all foreign counterparts thereof; and the ability to otherwise fully and entirely stand in the place of Assignor in all matters related thereto.

Assignor hereby requests the Commissioner for Patents (the "Commissioner") and the applicable foreign patent authorities to record this Assignment of Patents and Patent Applications to Assignee. Assignor hereby further authorizes and requests the Commissioner and such authorities to issue any and all Letters Patent resulting from applications assigned hereunder to Assignee, or its successors and assigns, as assignee of Assignor's entire interest therein.

Assignor agrees at the Assignee's request and expense to assign, deliver, and communicate to Assignee, its representatives, agents, successors and assigns any facts relating to the Inventions; to execute and deliver all lawful papers required to make any of the foregoing provisions effective; and to generally provide all further cooperation, including taking such further action and executing such additional documents, which Assignee, its successors and assigns reasonably determine is necessary to secure, obtain or enforce proper patent protection for the Inventions.

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Accepted by:
TELEPLEX-CT DEVICES INCORPORATED, as Assignee

By: 
Name: Shawn E. Jones
Title: V.P.

[ASSIGNMENT OF PATENTS AND PATENT APPLICATIONS]

SCHEDULE A
TO
ASSIGNMENT OF PATENTS AND PATENT APPLICATIONS

US Patent Cases CV
Granted/Pending Patents

Docket No.	Country	Patent/Serial No.	Issue/Filing Date	Expiration Date
2049	United States of America Title: Surgical sternotomy band tightening instrument	Des.309,350	17-Jul-1990	17-Jul-2004
2108	United States of America Title: Epicardiac Pacing Lead	4,972,833	27-Nov-1990	27-Nov-2007
GSP0012	United States of America Title: Surgical Instrument Handle and Actuator Means for Heart Surgery	5,797,956	25-Aug-1998	20-Mar-2016
GSP0015	United States of America Title: Rib Retractor	5,931,778	03-Aug-1999	25-Sep-2016
GSP0016	United States of America Title: A Rib Retractor	Des.411,617	29-Jun-1999	29-Jun-2013
GSP0017	United States of America Title: Multi-Purpose Coronary Stabilizing Retractor	08/639,214	26-Apr-1996	
GSP0018	United States of America Title: Coronary Stabilizing Retractor	Des.395,510	23-Jun-1998	23-Jun-2012
GSP0021	United States of America Title: Redo-Sternotomy Retractor	5,846,187	08-Dec-1998	13-Sep-2016
GSP0025	United States of America Title: Retractor Mounted Coronary Stabilizer	6,132,370	17-Oct-2000	26-Apr-2016
GSP0025C	United States of America	09/453,987	2-Dec-1999	

GSP0027	Title: Retractor-Mounted Coronary Stabilizer United States of America Title: Coronary Stabilizing Retractor with Occluding Means 6,071,235	06-Jun-2000	26-Apr-2016
GSP0028	United States of America Title: Heart Valve Retractor Head for Endoscopic Assembly and Use Des.396,286	21-Jul-1998	21-Jul-2012
GSP0033	United States of America Title: Redo-Sterotomy Retractor 5,846,191	08-Dec-1998	15-Sep-2017
GSP0034C	United States of America Title: Ball and Socket Coronary Stabilizer 6,379,297	30-Apr-2002	26-Apr-2016
GSP0034C2	United States of America Title: Ball and Socket Coronary Stabilizer 10,071,310	07-Feb-2002	
GSP0034CIP	United States of America Title: Ball and Socket Coronary Stabilizer 6,254,535	03-Jul-2001	26-Apr-2016
GSP0038	United States of America Title: Rib Retractor 5,788,630	04-Aug-1998	23-Sep-2016
GSP0040	United States of America Title: Rib Retractor Des.410,082	18-May-1999	18-May-2013
GSP0043	United States of America Title: Surgical Support Member 5,876,332	02-Mar-1999	24-Jul-2017
GSP0049CPA	United States of America Title: Adjustable Multi-purpose Coronary Stabilizing Retractor 6,152,874	28-Nov-2000	26-Apr-2016
GSP0053	United States of America Title: Lifting Rib Retractor 6,033,425	07-Mar-2000	12-Nov-2017

GSP0033C1	United States of America Title: Lifting Rib Retractor	6,159,231	12-Dec-2000	12-Nov-2017
GSP0056	United States of America Title: Articulating Endoscopic (Implant) Rotator Surgical Apparatus and Method for Using Same	6,162,208	19-Dec-2000	11-Sep-2018
GSP0058	United States of America Title: Surgical Knot Pusher and Method of Use	6,258,106	10-Jul-2001	17-Sep-2019
Cohn-1	United States of America Title: Surgical Retractor	6,033,362	7-Mar-2000	25-Apr-2017
Cohn-1.1	United States of America Title: Surgical Retractor	Appln. No. 09/307,195	Filed 7-May-1999	
Cohn-1.2	United States of America Title: Surgical Retractor	6,458,079	01-Oct-2002	25-Apr-2017
Cohn-1.2 CON	United States of America Title: Surgical Retractor	10/244,358	Filed 16-Sep-2002	
Adelman	United States of America Title: Devices and Method for Manipulation of Organ Tissue	09/663,917	18-Sept-2000	
5003	United States of America Title: Suture Organizing Device for Surgical Retractor & Methods Related Thereto	6,450,951	17-Sept-2002	26-Jan-2020
5003 CIP	United States of America Title: Suture Organizing and Retaining Device and Base Member for Surgical Retractor and Methods Related Thereto	6,416,469	09-Jul-2002	26-Jan-2020
5021	United States of America Title: Stabilizing Device Having a Removable Portion & Method of Use Therefor	6,478,733	12-Nov-2002	28-Apr-2020
5021 CIP	United States of America Title: Low Profile Cardiac Stabilization Device and Method of Use Therefor	09/770,692	26-Jan-2001	
5027	United States of America Title: Vascular Anastomosis Device	09/605,598	28-Jun-2000	
5049	United States of America Title: Segmented Arm Assembly for Use with a Surgical Retractor and Instruments and Methods Related Thereto	09/746,310	20-Dec-2000	

5060	United States of America Title: Surgical Punch Device	09/971,421	5-Oct-2001
5174	United States of America Title: Segmented Arm Support System and Method for Stabilizing Tissue	10/008,509	29-Oct-2001
5178	United States of America Title: Surgical Arm Assembly Including Quick Connect Mechanism	10/040,679	8-Nov-2001
GSP0933CIP	United States of America Title: Curved Stabilization Arm for Use with Surgical Retractor and Tissue Stabilization Device and Methods Related Thereto	6,475,142	5-Nov-2002
GSP0933CIP1	United States of America Title: Surgical Retractor, Tissue Stabilization Device and Methods Related Thereto	6,348,036	19-Feb-2002
GSP0933CIP2	United States of America Title: Irrigator for Use with Surgical Retractor and Tissue Stabilization Device and Methods Related Thereto	6,364,833	02-Apr-2002
GSP0933CON3	United States of America Title: Surgical Retractor and Tissue Stabilization Device Having an Adjustable Sled Member	10/106,260	26-Mar-2002
GSP0933CON4	United States of America Title: Sled Assembly for Use with a Surgical Retractor and Medical Instrument and Methods Related Thereto	10/098,207	14-Mar-2002
GSP0933CIP5	United States of America Title: Surgical Retractor Having Improved Blades and Methods Related Thereto	6,500,116	31-Dec-2002

01-Jul-2019

24-Jan-2019

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US Patent Cases CDU
Granted/Pending Patents

<u>Docket No.</u>	<u>Country</u>	<u>Patent/Serial No.</u>	<u>Issue/Filing Date</u>	<u>Expiration Date</u>
2007	United States of America	Des. 334,059	16-Mar-1993	16-Mar-2007
	<i>Title:</i>	Drainage Instrument for Draining Bodily Fluids		
2012	United States of America	5,318,510	07-Jun-1994	11-Jun-2011
	<i>Title:</i>	Collection Device		
2014	United States of America	4,784,642	15-Nov-1988	15-Nov-2008
	<i>Title:</i>	Meterless Drainage Device with Suction Control		
2015	United States of America	4,756,501	12-Jul-1988	07-Oct-2006
	<i>Title:</i>	Hanger for Drainage Device		
2017US	United States of America	5,026,358	25-Jun-1991	06-Jul-2008
	<i>Title:</i>	Drainage Device		
2031	United States of America	4,443,220	17-Apr-1984	16-Mar-2002
	<i>Title:</i>	Blood Collection and Transfer Apparatus		
2035	United States of America	4,654,029	31-Mar-1987	31-Mar-2004
	<i>Title:</i>	Electronic Drainage System		
2040	United States of America	4,715,855	29-Dec-1987	29-Dec-2004
	<i>Title:</i>	Dry Bottle Drainage System		
2041	United States of America	4,704,106	03-Nov-1987	08-Aug-2006
	<i>Title:</i>	Drainage Device with Diverted Gas Flow Path		
2048	United States of America	4,698,060	06-Oct-1987	06-Oct-2004
	<i>Title:</i>	Pressure Regulation System		

2050	Title:	United States of America Stabilizing Support Stand	4,955,873	11-Sep-1990	06-May-2008
2051	Title:	United States of America Blood Recovery System and Method	4,923,438	08-May-1990	18-Jul-2008
2055	Title:	United States of America Combined Blood Collection and Refusion Receptacle	Des.336,514	15-Jun-1993	15-Jun-2007
2056	Title:	United States of America Blood Recovery System and Method	5,024,613	18-Jun-1991	27-Apr-2010
2083	Title:	United States of America Fluid Bag	5,318,556	07-Jun-1994	09-Apr-2013
2103	Title:	United States of America Method for relieving excess negativity	4,484,908	27-Nov-1984	16-Feb-2003
2116	Title:	United States of America Drainage Device	5,300,050	05-Apr-1994	05-Apr-2011
2127	Title:	United States of America Multi-Pass Blood Washing and Plasma Removal Device and Method	5,017,293	21-May-1991	24-Aug-2009
2130	Title:	United States of America Dry Bottle Drainage System	4,889,531	26-Dec-1989	29-Dec-2004
2131	Title:	United States of America Dry Bottle Drainage System	4,902,284	20-Feb-1990	27-Dec-2008
2138	Title:	United States of America Collection Device	5,458,567	17-Oct-1995	17-Oct-2012
GSP0994	Title:	United States of America Repld Transfer Autotransfusion Bag and Methods Related There to	6,210,391	03-Apr-2001	10-Aug-2019

GSP47102	United States of America	5,989,234	23-Nov-1999	14-Jan-2017
Title:	Device and System for Draining A Body Cavity and Methods Related Thereto			
GSP47102C	United States of America	6,338,728	15-Jan-2002	14-Jan-2017
Title:	Chest Drainage Device Having Multiple Operation Indicators			
GSP47102 Div.	United States of America	6,368,311	09-Apr-2002	14-Jan-2017
Title:	Hanger/Hanger System for a Device Such as a Device for Draining a Body Cavity			
GSP47103	United States of America	D430286	29-Aug-2000	29-Aug-2014
Title:	Drainage Unit For Draining Bodily Fluids From a Patient			
GSP47119	United States of America	Des.393,587	21-Apr-1998	21-Apr-2012
Title:	Hanger for A Drainage Device			
GSP47641	United States of America	D426881	20-Jun-2000	20-Jun-2014
Title:	Continuous Autotransfusion and Drainage Unit for Draining Bodily Fluids from a Patient			
GSP47993	United States of America	6,447,491	10-Sep-2002	18-Jun-2019
Title:	Rolling Seal Suction Pressure Regulator, Apparatus and System			
GSP47993C	United States of America	Appln. No. 10/213,141	Filed 5-Aug-2002	
Title:	Rolling Seal Suction Pressure Regulator, Apparatus and System			
GSP-D-05	United States of America	4,544,370	01-Oct-1985	01-Oct-2002
Title:	Air Leak Detection System for chest Fluid Collection Bottles and Blow-Out Prevention Baffle			
GSP-D-08	United States of America	4,550,749	05-Nov-1985	12-Mar-2004
Title:	Adjustable Check Valve			
GSP-D-09	United States of America	4,744,785	17-May-1988	17-May-2005
Title:	Autotransfusion System			
GSP-D-10	United States of America	4,715,856	29-Dec-1987	29-Dec-2004
Title:	Air Leak Detection system for chest Fluid Collection Bottles and Blow-Out Prevention Baffle Therefor			
GSP-D-11	United States of America	4,747,843	31-May-1988	15-May-2006

Title: Control Module for Thoracic Drainage Apparatus				
GSP-D-12	United States of America	4,747,844	31-May-1988	19-April-2005
Title: Chest Drainage Apparatus				
GSP-D-14	United States of America	4,738,671	19-Apr-1988	19-Apr-2005
Title: Chest Drainage Apparatus with Check Valve				
GSP-D-15	United States of America	4,822,346	18-Apr-1989	19-April-2005
Title: Chest Drainage Apparatus				
GSP-D-16	United States of America	5,374,257	20-Dec-1994	23-Mar-2012
Title: Fluid Collection Chamber				
GSP0994	United States of America	6,210,391	03-Apr-2001	10-Aug-2019
Title: Rapid Transfer Auto-Transfusion Bag and Methods Related Thereto				

**US Patent Cases Saphenous
Granted/Pending Patents**

Docket No.	Country	Patent/Serial No.	Issue/Filing Date	Expiration Date
GSP0045C1	United States of America Title: Illuminated Surgical Retractor	6,350,236	26-Feb-2002	01-May-2018
GSP0045C2A2	United States of America Title: Illuminated Saphenous Vein Retractor	6,228,025	08-May-2001	01-May-2018
GSP0045C3	United States of America Title: Illuminated Surgical Retractor	6,482,153	19-Nov-2002	01-May-2018
GSP0045C4	United States of America Title: Illuminated Surgical Retractor	6,468,206	22-Oct-2002	01-May-2018
5001	United States of America Title: Surgical Instrument Light Source and Surgical Illumination Method	Appln. No. 09/691,902 Filed 19-Oct-2000		
5002	United States of America Title: Pivotal and Illuminated Saphenous Vein Retractor	6,322,499	27-Nov-2001	20-Jan-2020
5008	United States of America Title: Illuminated Rectal Retractor	6,497,654	24-Dec-2002	18-Feb-2020
5008C1P	United States of America Title: Illuminated Rectal Retractor	6,428,473	06-Aug-2002	18-Feb-2020
5038	United States of America Title: Illuminated Deep Pelvic Retractor	Appln. No. 09/656,932 Filed 05-Sept-2000		
5178	United States of America Title: Surgical Arm Assembly Including Quick Connect Mechanism	Appln. No. 10/040,679 Filed 08-Nov-2001		

US Patent Cases Suture
Granted/Pending Patents

Docket No.	Country	Patent/Serial No.	Issue/Filing Date	Expiration Date
2032	United States of America Title: Surgical Stapler	4,523,707	18-Jun-1985	18-Jun-2002
2034	United States of America Title: Surgical Staple Remover	4,805,876	21-Feb-1989	21-Feb-2006
2037	United States of America Title: Method of Preparing a Double Sterile Package	4,603,538	05-Aug-1986	15-Nov-2004
2054	United States of America Title: Needled Suture	5,358,498	25-Oct-1994	25-Oct-2011
2097	United States of America Title: Skin Staple Extractor	4,515,348	07-May-1985	07-May-2002
2121	United States of America Title: Suture Holder	5,413,214	09-May-1995	20-Sep-2013
GSP04001	United States of America Title: Suture Pack	5,582,288	10-Dec-1996	20-Mar-2015
GSP04002	United States of America Title: Suture Pack	5,769,214	23-Jun-1998	20-Mar-2015
GSP05001	United States of America Title: Suture Rack	5,848,714	15-Dec-1998	23-Dec-2016
GSP48303C2	United States of America Title: Absorbable Coating and Blend	5,380,780	10-Jan-1995	10-Jan-2012
GSP48303C3	United States of America	5,378,540	03-Jan-1995	03-Jan-2012

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GSP48303C3	Title: Absorbable Coating and Blend and Suture Coated Therewith United States of America Title: Method for Increasing the Rate of Absorption of Poly-Caprolactone	5,610,214	11-Mar-1997	11-Mar-2014
GSP48303D4	United States of America Title: Absorbable Coating and Blend	5,741,600	21-Apr-1998	21-Apr-2015
GSP48305CTP	United States of America Title: Hard Elastic Sutures	4,621,638	11-Nov-1986	30-Jul-2004
GSP48306	United States of America Title: Caprolactone Polymers for Suture Coating	4,624,256	25-Nov-1986	11-Sep-2005
GSP48821	United States of America Title: Apparatus for Delivery of Surgical Materials and Methods for Use Thereof	6,478,803	12-Nov-2002	19-May-2020
GSP49050	United States of America Title: Package for Dispensing and Storing of Surgical Medical Devices such as Needle Suture, Suture Kits, and Methods Related Thereto	Appl. No. 09/411,411 Filed 01-Oct-1999		
GSP49053	United States of America Title: Suture Package	6,260,696	17-Jul-2001	04-Apr-2020
5024	United States of America Title: Holder and Dispenser for Spools, Tube-Shaped Devices, and Cylindrical Devices With Recessed Ends	6,409,016	25-Jun-2002	27-Jun-2020